

Health Profile Esmeralda County, Nevada 2001

*Bureau of Community Health
August, 2002*

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HEALTH PROFILE ESMERALDA COUNTY, NEVADA, 2001

EXECUTIVE SUMMARY

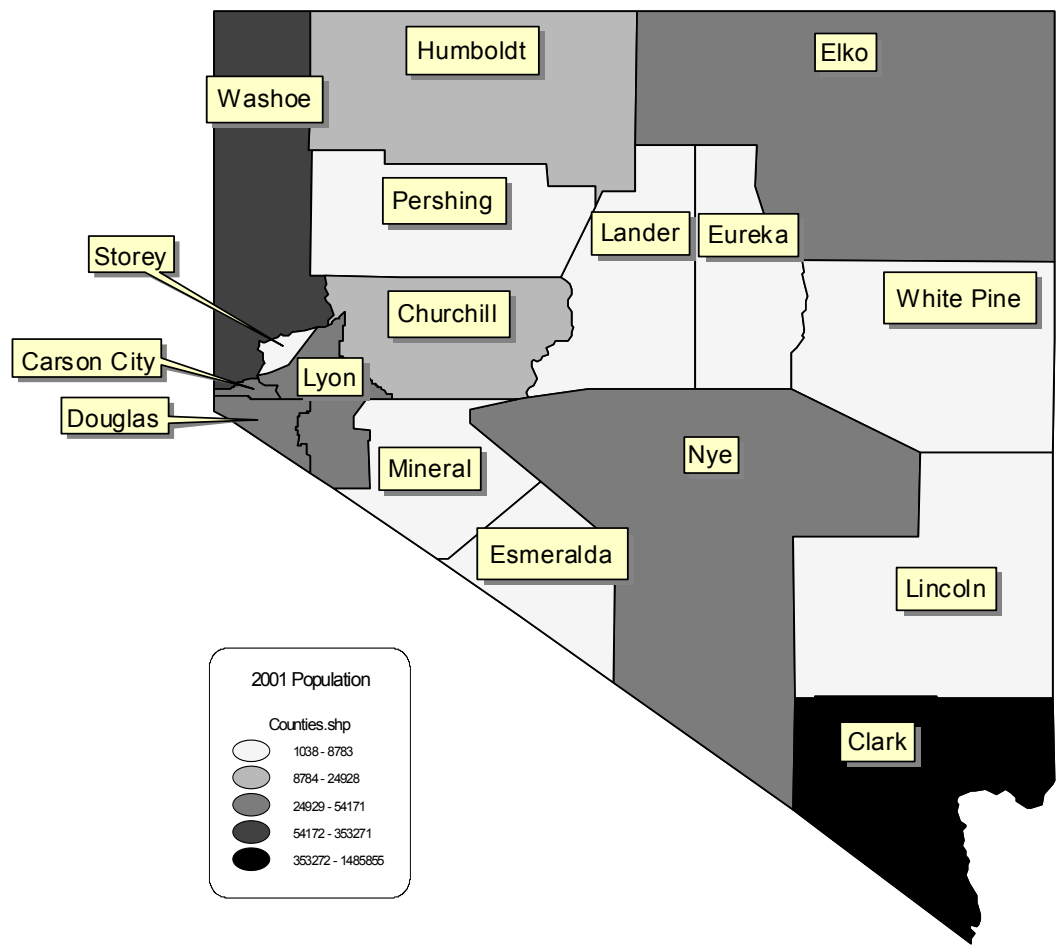
This report was prepared by the Bureau of Community Health (BCH), Nevada State Health Division. The purpose of the report is to provide information to policy makers, grant writers, medical providers, and administrators, and other parties interested in the health status of Esmeralda County and the State of Nevada. The data is organized into sections by providing basic demographics, socioeconomic status, births, deaths, chronic diseases and risk factors, infectious diseases, injuries, preventive services for children and adults. For most health indicators, data for Esmeralda County were compared to the statewide data and Healthy People (HP) 2010 targets.

Esmeralda County had a -25% increases in population from 1991 to 2001. In 2001, the population of Esmeralda County was 1,038 accounting for 0.0% of the total state population (2,132,498) of Nevada. Esmeralda County has a higher percentage of people in the 65 years and older age group, a lower rate of non-white population, a lower median income and a higher unemployment rate compared to the State of Nevada. The population in Esmeralda County decreased from 1991 to 2001.

The following table is a summary of the current health status of Esmeralda County compared with HP 2010 targets. Details can be found later in the report under the respective sections.

Health Indicators	HP 2010 Targets Met 	HP 2010 Not Met 
BIRTHS	<ol style="list-style-type: none"> 1. Pre-term Birth 2. Teen Mothers 	<ol style="list-style-type: none"> 1. Prenatal care in the 1st trimester
DEATHS	<ol style="list-style-type: none"> 1. Infant Mortality rate 2. Neonatal infant mortality rate 3. Post-neonatal mortality rate 4. Mortality rate due to trachea, bronchus, & lung cancer 5. Mortality rate due to breast cancer 6. Mortality rate due to cervical cancer 7. Mortality rate due to prostate cancer 8. Mortality rate due to COPD 9. Mortality rate due to Diabetes Mellitus 	<ol style="list-style-type: none"> 1. Mortality rate due to all cancers 2. Mortality rate due to colorectal cancer 3. Mortality rate due to stroke
CHRONIC DISEASES MAJOR RISK FACTORS	<ol style="list-style-type: none"> 1. Cigarette smoking rate of females 2. Cholesterol checking rate 	<ol style="list-style-type: none"> 1. Cigarette smoking rate of males 2. Physical inactivity rate 3. % of people trying to lose weight 4. High blood pressure rate
INFECTIOUS DISEASES	<ol style="list-style-type: none"> 1. AIDS 2. Gonorrhea 3. Syphilis (primary & secondary) 4. Hepatitis A 5. Hepatitis B 6. Hepatitis C 7. Mumps 8. Pertussis 9. Rubella 10. Meningitis (bacterial) 11. Meningococcal disease 12. Tuberculosis 13. Campylobacteriosis 14. E. coli 0157 Diarrhea 15. Salmonellosis 	
INJURIES	<ol style="list-style-type: none"> 1. Homicide 2. Suicide 	<ol style="list-style-type: none"> 1. Motor Vehicle Injuries
PREVENTIVE SERVICES USE	<ol style="list-style-type: none"> 1. Mammogram for women 40 years and older in the preceding 2 years 	<ol style="list-style-type: none"> 1. Immunization Coverage in 2-year old children 2. Pap smears for adult women 3. Pneumococcal pneumonia vaccination for adults 4. Influenza vaccination for adults in the past 12 months

NEVADA MAP



HEALTH PROFILE DEMOGRAPHICS

2001 DEMOGRAPHICS

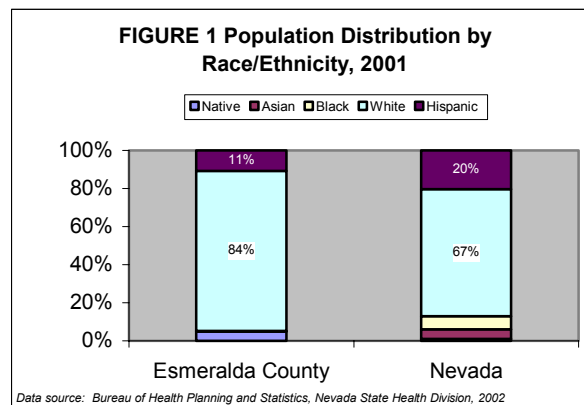
Population in 2001:	Esmeralda County	1,038
	Nevada	2,132,498
Percent of total Nevada population:		0.0%
Population density (people per square mile):	Esmeralda County	0
	Nevada	18

Data source: Bureau of Health Planning and Statistics, Nevada State Health Division, 2002

TABLE 1 Population by Gender, Age Group, and Race/Ethnicity, 2001

		Esmeralda County		Nevada	
		Population	% of Total Population	Population	% of Total Population
GENDER	Male	574	55%	1,086,325	51%
	Female	464	45%	1,046,173	49%
	Total	1,038	100%	2,132,498	100%
AGE GROUP	<1	10	1%	31,028	1%
	1-17	203	20%	515,040	24%
	18-64	647	62%	1,352,890	63%
	65+	179	17%	233,541	11%
	Total	1,039	100%	2,132,499	100%
RACE/ETHNICITY	Native	51	5%	23,015	1%
	Asian	2	0%	106,104	5%
	Black	1	0%	145,888	7%
	White	872	84%	1,422,260	67%
	Hispanic	111	11%	435,232	20%
	Total	1,037	100%	2,132,499	100%

Data source: Bureau of Health Planning and Statistics, Nevada State Health Division, 2002



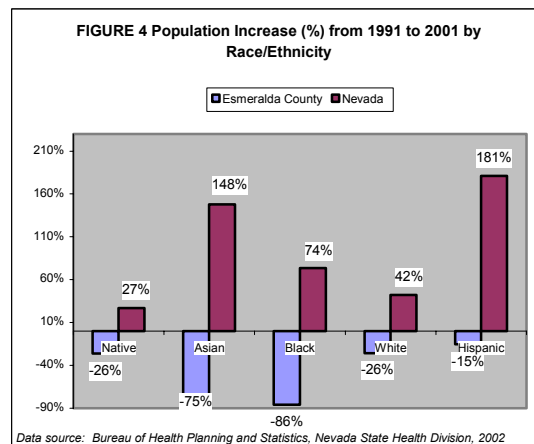
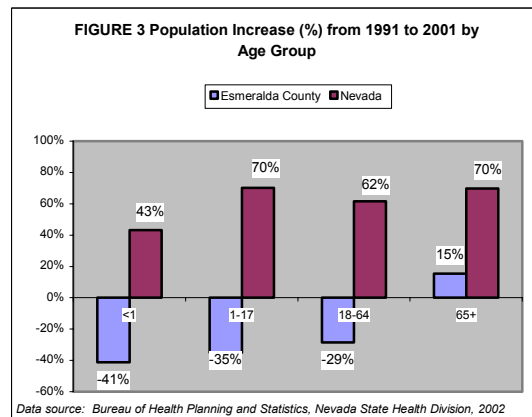
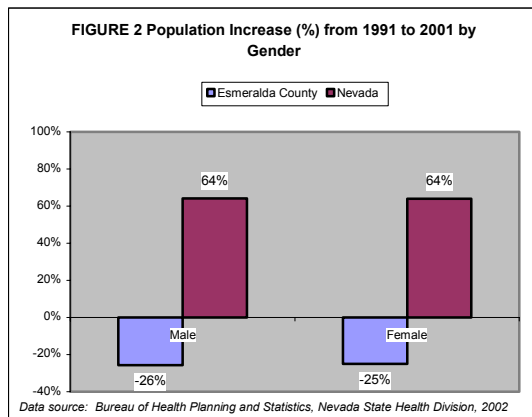
- Esmeralda County had a similar distribution by gender compared to the State of Nevada in 2001.
- Esmeralda County had a higher percentage of population with over 65 years of age (17%) compared to the State of Nevada (11%) in 2001.
- Esmeralda County had a lower rate of non-white population (16%) compared with the State of Nevada (33%) in 2001.

1991 - 2001 POPULATION CHANGE

TABLE 2 Population Change from 1991 to 2001 by Gender, Age Group, and Race/Ethnicity

		Esmeralda County			Nevada		
		1991	2001	% Increase	1991	2001	% Increase
GENDER	Male	772	574	-26%	661,625	1,086,325	64%
	Female	618	464	-25%	637,735	1,046,173	64%
	Total	1,390	1,038	-25%	1,299,360	2,132,498	64%
AGE GROUP	<1	17	10	-41%	21,660	31,028	43%
	1-17	313	203	-35%	302,839	515,040	70%
	18-64	906	647	-29%	837,255	1,352,890	62%
	65+	155	179	15%	137,606	233,541	70%
	Total	1,391	1,039	-25%	1,299,360	2,132,499	64%
RACE/ETHNICITY	Native	69	51	-26%	18,163	23,015	27%
	Asian	8	2	-75%	42,818	106,104	148%
	Black	7	1	-86%	84,032	145,888	74%
	White	1,175	872	-26%	999,544	1,422,260	42%
	Hispanic	131	111	-15%	154,803	435,232	181%
Total		1,390	1,037	-25%	1,299,360	2,132,499	64%

Data source: Bureau of Health Planning and Statistics, Nevada State Health Division, 2002



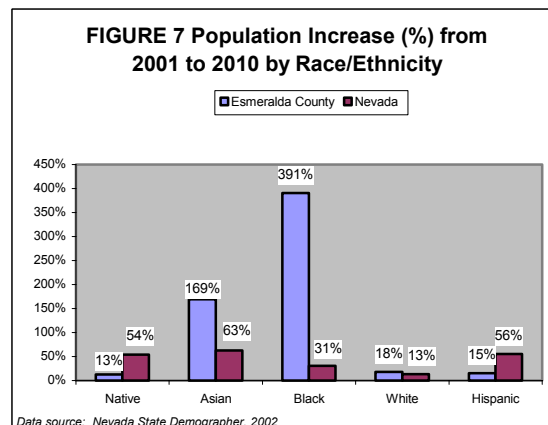
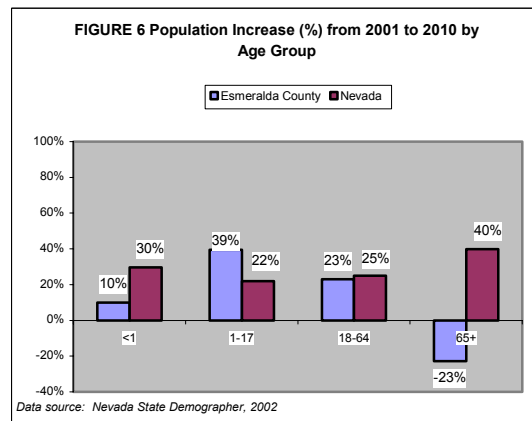
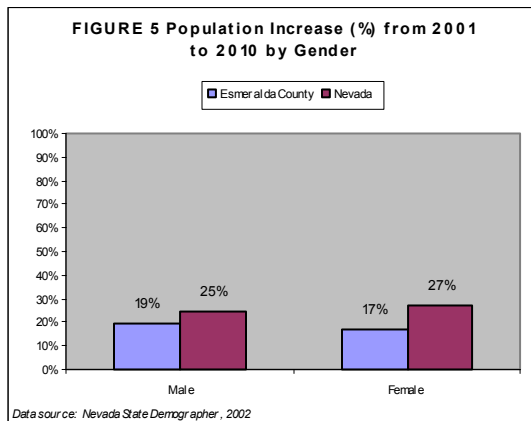
- From 1991-2001, Esmeralda County has had a decrease in population (-25%) compared to the State of Nevada (64%) increase.
- The population for all age groups except for those over 65 years of age have decreased.
- The race/ethnic groups with the greatest decrease have been the non-white population.

2001 - 2010 POPULATION PROJECTIONS

TABLE 3 Population Projected Change from 2001 to 2010 by Gender, Age Group, and Race/Ethnicity

		Esmeralda County			Nevada		
		2001	2010	% Increase	2001	2010	% Increase
GENDER	Male	574	685	19%	1,086,325	1,356,489	25%
	Female	464	543	17%	1,046,173	1,328,363	27%
	Total	1,038	1,227	18%	2,132,498	2,684,853	26%
AGE GROUP	<1	10	11	10%	31,028	40,232	30%
	1-17	203	283	39%	515,040	628,131	22%
	18-64	647	795	23%	1,352,890	1,689,759	25%
	65+	179	138	-23%	233,541	326,731	40%
	Total	1,039	1,227	18%	2,132,499	2,684,853	26%
RACE/ETHNICITY	Native	51	58	13%	23,015	35,517	54%
	Asian	2	5	169%	106,104	172,683	63%
	Black	1	5	391%	145,888	190,606	31%
	White	872	1,032	18%	1,422,260	1,608,666	13%
	Hispanic	111	128	15%	435,232	677,380	56%
	Total	1,037	1,227	18%	2,132,499	2,684,853	26%

Data source: Nevada State Demographer, 2002



- Population projections for 2010 predict that Esmeralda County will grow at a lower rate (18%) than the State of Nevada (26%).
- Population projections for 2010 predict that all non-white populations will increase and the over 65 age group will decrease.

SOCIOECONOMIC STATUS

TABLE 4 Socioeconomic Status

		Esmeralda County	Nevada
Households (2000) ¹	Total households (2000) ³	455	751,165
	Family households (families) (%) ⁴	57%	66%
	Nonfamily households (%) ⁵	43%	34%
	Households with individuals under 18 years (%)	24%	35%
	Households with individuals 65 years and over (%)	29%	21%
	Average household size ⁶	2.12	2.62
Income (2000)	Median household income	\$33,366.00	\$39,280.00
	People of all ages in poverty (%) ⁸	15%	11%
Unemployment rate (%) ²	2001	8.2	5.3
	2000	9.5	4.1
	1999	11	4.4

Data source: ¹ US Census Bureau, Census 2000² Nevada Department of Employment, 2002

Note:

³A household includes all of the people who occupy a housing unit. People not living in households are classified as living in group quarters.⁴A family includes a householder and one or more people living in the same household who are related to the householder by birth, marriage, or adoption. All people in a household who are related to the householder are regarded as members of his or her family.⁵A householder living alone or with nonrelatives only.⁶A measure obtained by dividing the number of people in households by the total number of households (or householders).⁷Represents 90% confidence interval⁸Poverty can be determined based on the poverty thresholds (see technical notes for POVERTY)

- Esmeralda County had a lower percentage of households (57%) compared to the State of Nevada (66%) in 2000.
- The median household income in Esmeralda County was lower than in the State of Nevada in 2000.
- Esmeralda County consistently had higher unemployment rates from 1999 to 2001 compared to the State of Nevada.

BIRTHS

TABLE 5 Births, 1999-2001

	1999		2000		2001		Healthy People 2010 Targets
	Esmeralda County	Nevada	Esmeralda County	Nevada	Esmeralda County	Nevada	
Total births	5	28,911	7	30,130	7	31,297	No target
Births by race/ethnicity							
Native	0	380	0	372	0	399	No target
Asian	0	1,586	0	1,894	0	2,031	No target
Black	0	2,077	0	2,255	0	2,389	No target
White	⁶ NA	15,244	6	15,303	⁶ NA	15,264	No target
Hispanic	⁶ NA	9,153	⁶ NA	10,007	⁶ NA	10,831	No target
Other	0	471	0	299	0	383	No target
LBW (%) ¹	⁶ NA	7.6%	⁶ NA	7.2%	⁶ NA	7.6%	5.0%
VLBW (%) ²	⁶ NA	1.2%	⁶ NA	1.3%	⁶ NA	1.0%	0.9%
Preterm births (%) ³	0.0%	10.2%	0.0%	9.8%	0.0%	10.0%	7.6% ★
Teen mothers (per 1,000) ⁴	0.0	48.2	⁶ NA	44.3	0.0	40.8	43 ★
Older mothers (%) ⁵	0.0%	2.2%	0.0%	2.1%	0.0%	2.3%	No target
Unmarried mothers (%)	0.0%	33.4%	⁶ NA	34.0%	0.0%	32.2%	No target
Prenatal care in 1 st trimester (%)	⁶ NA	68.7%	⁶ NA	70.6%	71.4%	72.4%	90.0% ▲

Data source: Bureau of Health Planning and Statistics, Nevada State Health Division, 2002

Note:

¹LBW: Low Birth Weight (<2,500 grams);²VLBW: Very Low Birth Weight (<1,500 grams);³Preterm births: Births are <37 weeks of gestation;⁴Teen mothers: Mother's age is younger than 18 years old;⁵Older mothers: Mother is older than 40;⁶NA indicates data that is unavailable due to cell size less than 5. See technical notes for data confidentiality.

★ Indicates "HP 2010 target was met" for 2001 for the county

▲ Indicates "HP 2010 target was not met" for 2001 for the county

- The HP 2010 targets for preterm births and teen mothers per 1,000 live births were met by Esmeralda County in 2001.
- The HP 2010 target for prenatal care in the first trimester was not met by Esmeralda County in 2001.
- Because there were less than five cases, the HP 2010 targets for LBW and VLBW were not assessed.

DEATHS

TABLE 6 Infant Death Rates per 1,000 Live Births, 1999-2001

Cause of Death	1999		2000		2001		Healthy People 2010 Targets
	Esmeralda County	Nevada	Esmeralda County	Nevada	Esmeralda County	Nevada	
Infant mortality rate ¹	0.0	6.6	0.0	6.5	0.0	5.7	4.5 ★
Neonatal infant mortality rate ²	0.0	3.9	0.0	4.0	0.0	2.9	2.9 ★
Post-neonatal mortality rate ³	0.0	2.7	0.0	2.4	0.0	2.7	1.2 ★

Data source: Bureau of Health Planning and Statistics, Nevada State Health Division, 2002

¹Within the first year²Within the first 28 days of life³Between 28 days of life and 1 year

TABLE 7 Age-adjusted Mortality Rates per 100,000 Population, 1999-2001

Cause of Death	1999		2000		2001		Healthy People 2010 Targets
	Esmeralda County	Nevada	Esmeralda County	Nevada	Esmeralda County	Nevada	
Diseases of the heart	¹ NA	267.8	¹ NA	246.3	222.7	257.4	No target
All Cancers	¹ NA	200.9	¹ NA	204.5	222.7	203.5	159.9 ▲
Trachea, Bronchus, & Lung	¹ NA	62.5	0.0	62.8	0.0	63.0	44.9 ★
Breast	¹ NA	25.9	0.0	25.8	0.0	24.8	22.3 ★
Cervical	0.0	2.4	0.0	3.4	0.0	2.9	2.0 ★
Colorectal	0.0	21.7	0.0	23.6	82.3	22.0	13.9 ▲
Prostate	0.0	28.8	0.0	25.1	0.0	30.1	28.8 ★
CLRD*	¹ NA	63.7	¹ NA	59.1	0.0	0.0	60.0 ★
Stroke	¹ NA	57.2	¹ NA	54.0	61.8	55.3	48.0 ▲
Diabetes Mellitus	0.0	16.9	0.0	14.5	0.0	17.3	45.0 ★
Influenza and Pneumonia	0.0	22.1	0.0	21.2	0.0	22.4	No target
All Deaths	811.9	914.1	396.5	881.3	829.0	923.4	No target

Data source: Bureau of Health Planning and Statistics, Nevada State Health Division, 2002

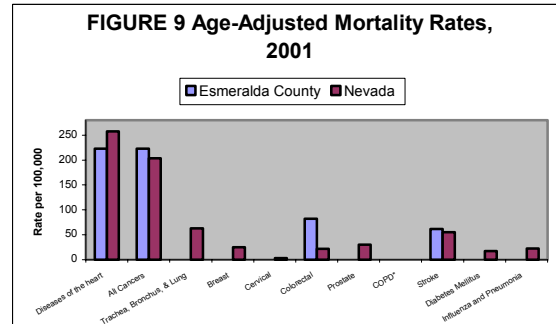
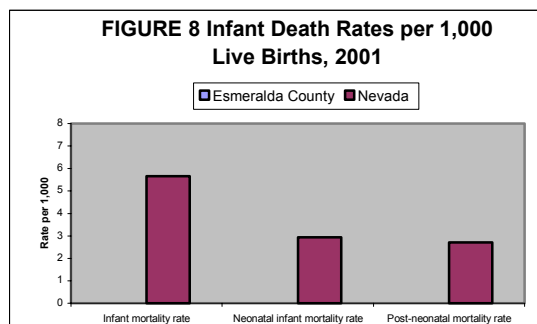
Age adjusted to the year 2000 standard population for all rates and 2010 targets

¹NA indicates data that is unavailable due to cell size less than 5. See technical notes for data confidentiality.

★ Indicates "HP 2010 target was met" for 2001 for the county

▲ Indicates "HP 2010 target was not met" for 2001 for the county

* CLRD: Chronic Lower Respiratory Disease



- The HP 2010 objectives for age-adjusted mortality rates for all cancers, colorectal cancer, and stroke were not met by Esmeralda County or the State of Nevada in 2001.
- The HP 2010 objectives for age-adjusted mortality for infant mortality, neonatal infant mortality, post-neonatal mortality, trachea, bronchus, and lung cancer, breast cancer, cervical cancer, and prostate cancer were met in Esmeralda County but not the State of Nevada in 2001.
- In 2001 the HP 2010 objectives for age-adjusted mortality for chronic lower respiratory disease and diabetes mellitus were met in Esmeralda County and the State of Nevada.

TABLE 8 Top Ten Causes of Death by Age Group for the Two-Year Period (1999-2000)

	Ranking	Age Group					
		< 1	1-14	15-24	25-44	45-64	> 65
ESMERALDA COUNTY RESIDENTS	Total Deaths	0	0	NA ¹	NA ¹	7	11
	1 st			Unintentional Injuries	Unintentional Injuries	Cancer	Heart Disease
	2 nd					Respiratory Disease ³	Stroke
	3 rd					Others ² , Heart Disease	HIV, Cancer, Respiratory Disease ³ , Others ²
	4 th						
	5 th						
	6 th						
	7 th						
	8 th						
	9 th						
	10 th						
NEVADA RESIDENTS	Total Deaths	386	180	406	2,081	6,562	20,083
	1 st	Others ²	Unintentional Injuries	Unintentional Injuries	Unintentional Injuries	Cancer	Heart Disease
	2 nd	Unintentional Injuries	Others ²	Homicide, Suicide	Others ²	Heart Disease	Cancer
	3 rd	Heart Disease	Heart Disease, Homicide, Cancer	Others ²	Suicide	Others ²	Others ²
	4 th	Septicemia	Septicemia	Cancer	Heart Disease	Unintentional Injuries	Respiratory Disease ³
	5 th	Homicide, Influenza and Pneumonia	Suicide	Heart Disease	Cancer	Liver Disease ⁴	Stroke
	6 th	Stroke	Influenza and Pneumonia, Stroke, Respiratory Disease ³	Influenza and Pneumonia	Homicide	Respiratory Disease ³	Influenza and Pneumonia
	7 th	Cancer, Kidney Disease ⁵	Kidney Disease ⁵	Diabetes, Septicemia	HIV	Suicide	Kidney Disease ⁵
	8 th	Respiratory Disease ³ , HIV		HIV, Stroke, Respiratory Disease ³	Liver Disease ⁴	Stroke	Septicemia
	9 th			Liver Disease ⁴	Stroke	Diabetes	Alzheimer's Disease
	10 th				Diabetes	Septicemia	Diabetes

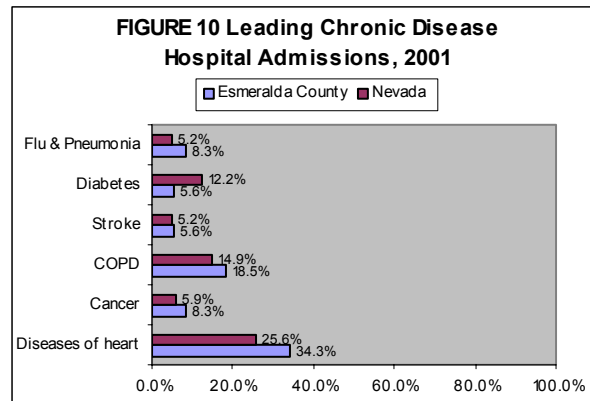
Data source: Bureau of Health Planning and Statistics, Nevada State Health Division, 2002

Note:

¹ NA* indicates data that is unavailable due to cell size less than 5. See technical notes for data confidentiality.² Others* represents causes of death other than the 15 leading causes of death including heart disease, cancer, stroke, chronic lower respiratory disease, accidents, influenza and pneumonia, diabetes mellitus, HIV diseases, suicide, chronic liver diseases and cirrhosis, nephritis, nephrotic syndrome and nephrosis, septicemia, Alzheimer's Disease, homicide & legal intervention, and atherosclerosis.³ Respiratory Disease* represents chronic lower respiratory diseases.⁴ Liver Disease* represents chronic liver disease and cirrhosis.⁵ Kidney Disease* represents nephritis, nephritic syndrome, and nephrosis.

- Accidents were the leading cause of death in the 15-24 and 25-44 age groups in Esmeralda County for 1999-2000.

CHRONIC DISEASES: CONDITIONS AND RISK FACTORS



- In 2001, Esmeralda County had a higher hospital admission rate for flu and pneumonia, COPD, cancer, and heart disease than the State of Nevada.
- In the Nevada BRFSS 2001 survey, 2,570 people (1,307 male, 1,263 female) were included. Out of the 2,570 people, 6 lived in Esmeralda County (4 male, 2 female).
- In the Nevada BRFSS 2000 survey, 2,100 people (1,044 male, 1,056 female) were included. Out of the 2,100 people, 3 lived in Esmeralda County (1 male, 2 female).
- **There were too few people interviewed by the BRFSS to assess the smoking rate, alcoholic beverage consumption, physical activity and fitness, high blood pressure, and the rate of cholesterol testing in Esmeralda County.**

INFECTIOUS DISEASES

TABLE 9 Reported Infectious Disease Case Rates per 100,000 Population, 1999-2001

Infectious Diseases	Esmeralda County			Nevada			Healthy People 2010 Targets	
	1999	2000	2001	1999	2000	2001		
Acquired Immunodeficiency Syndrome (AIDS)	0.0	0.0	0.0	12.1	13.3	10.5	1.0	★
Human Immunodeficiency Virus (HIV) - Not yet AIDS	0.0	0.0	0.0	9.3	13.6	12.2	Not Available	
Chlamydia	0.0	⁴ NA	⁴ NA	145.1	189.0	227.2	170.0 ¹	
Gonorrhea	0.0	0.0	0.0	61.3	73.2	82.8	19.0	★
Syphilis (primary & secondary)	0.0	0.0	0.0	0.2	0.2	0.4	0.2	★
Hepatitis A	0.0	0.0	0.0	6.8	4.2	3.3	4.5	★
Hepatitis B	⁴ NA	0.0	0.0	2.8	2.6	2.4	2.4-5.1 ²	★
Hepatitis C	0.0	0.0	0.0	0.5	0.8	0.4	1.0	★
Mumps	0.0	0.0	0.0	0.2	0.3	0.2	0.0	★
Pertussis	0.0	0.0	0.0	0.7	0.7	1.9	See note ³	★
Rubella	0.0	0.0	0.0	0.0	0.0	0.0	0.0	★
Meningitis (Bacteria)	0.0	0.0	0.0	1.2	2.3	1.2	8.6	★
Meningococcal disease	0.0	0.0	0.0	0.4	0.2	0.4	1.0	★
Tuberculosis	0.0	0.0	0.0	4.5	4.4	4.5	1.0	★
Campylobacteriosis	0.0	0.0	0.0	6.5	10.2	9.2	12.3	★
<i>E. coli</i> 0157 Diarrhea	0.0	0.0	0.0	1.2	0.7	0.8	1.0	★
Salmonellosis	0.0	⁴ NA	0.0	9.4	12.4	9.5	6.8	★

Data source: HIV/AIDS Reporting System (HARS), STD-MIS, and National Electronic Telecommunications Surveillance System (NETSS)

provided by Bureau of Community Health, Nevada State Health Division, 2002

Note: ¹Prevalence rate per 100,000 population for Chlamydia is HP 2000 target. No HP 2010 target for prevalence rate per 100,000 population for Chlamydia is available

²HP 2010 target is 2.4, 5.1, and 3.8 cases per 100,000 population for age groups 19-24, 25-39, and 40+, respectively.

³HP 2010 target is 2,000 cases nationwide for children under 7 years of age. No HP 2010 target rate is available

⁴NA indicates data that is unavailable due to cell size less than 5. See technical notes for data confidentiality.

★ indicates "HP 2010 target was met" for 2001 for the county

▲ indicates "HP 2010 target was not met" for 2001 for the county

- Data presented in the table only reflects reported cases. Some diseases such as Hepatitis may be very under-reported indicating a need for increased surveillance.
- In 2001 Esmeralda County met HP 2010 targets for AIDS, Gonorrhea, Syphilis, Hepatitis A, Hepatitis B, Hepatitis C, Mumps, Pertussis, Rubella, Meningitis, Meningococcal disease, Tuberculosis, Campylobacteriosis, *E. coli* 0157, and Salmonellosis in 2001.
- HP 2010 objectives were not reviewed for those infectious diseases for which in 2001 there were fewer than 5 cases. Chlamydia was the only infectious disease that had between one and five cases reported.

INJURIES

TABLE 10 Injury Death Rate per 100,000 Population, 1999-2001

	Year	Esmeralda County	Nevada	Healthy People 2010 Targets	
Homicide	1999	0.0	8.2	3.0	★
	2000	0.0	6.2	3.0	★
	2001	0.0	8.8	3.0	★
Suicide	1999	0.0	20.6	5.0	★
	2000	0.0	19.2	5.0	★
	2001	0.0	18.2	5.0	★
Motor Vehicle Injuries	1999	¹ NA	15.0	9.2	
	2000	0.0	13.2	9.2	★
	2001	136.4	15.3	9.2	▲

Data source: Bureau of Health Planning and Statistics, Nevada State Health Division, 2002

★ Indicates "HP 2010 target was met" for 2001 for the county

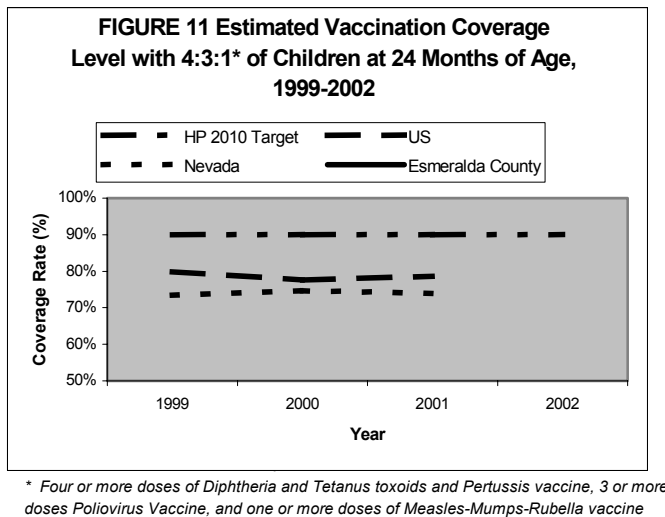
▲ Indicates "HP 2010 target was not met" for 2001 for the county

¹NA indicates data that is unavailable due to cell size less than 5. See technical notes for data confidentiality.

- Death rates per 100,000 population for Esmeralda County and Nevada and HP 2010 targets are age-adjusted rates (year 2000 standard population)
- In 2001, Esmeralda County reached HP 2010 targets for homicide and suicide but the State of Nevada did not.
- In 2001, neither Esmeralda County nor the State of Nevada reached the HP 2010 target for motor vehicle injuries.

PREVENTIVE SERVICES USE

IMMUNIZATION COVERAGE LEVELS IN CHILDREN



- The data for Esmeralda County is from the public health clinic only. It does not reflect the complete vaccination coverage level in Esmeralda County.
- Immunization data was first collected in 2002. 92.1% of the children 24-35 months of age seen at the Esmeralda Community Health Nursing Clinic had received the recommended vaccines (4:3:1).
- The data for Nevada and the US were obtained from the National Immunization Survey for Children 19-35 months of age. Data has not yet been released for 2002.
- The Healthy People 2010 target is for children 19-35 months of age.

ADULT PREVENTIVE SERVICES USE

- In the Nevada BRFSS 2001 survey, 2,570 people (1,307 male, 1,263 female) were included. Out of the 2,570 people, 6 lived in Esmeralda County (4 male, 2 female).
- In the Nevada BRFSS 2000 survey, 2,100 people (1,044 male, 1,056 female) were included. Out of the 2,100 people, 3 lived in Esmeralda County (1 male, 2 female).
- Esmeralda County and the State of Nevada had very low self-reported adult vaccination coverage for influenza and pneumonia compared to the HP 2010 target.
- **There were too few people interviewed by the BRFSS to assess the mammogram screening, pap smears, pneumococcal and influenza vaccination in Esmeralda County.**

MENTAL HEALTH

There are 18 clinics that comprise the Mental Health Rural Clinics service delivery system. Each clinic has a combination of psychiatrist(s), psychologists, clinical social workers, mental health counselors, psychiatric caseworkers, and support staff. Each clinic provides an array of mental health services on an outpatient basis such as individual, couple, and family therapy, group therapy, medication clinic, service coordination, psychological testing, psychosocial rehabilitation, housing services, emergency services, and consultation and education. Many clinics also have substance abuse counselors.

There is not currently a Mental Health Clinic in Esmeralda County. Residents in Esmeralda County go to the Mental Health Clinic in Hawthorne, Mineral County.

TECHNICAL NOTES

1. RACE AND ETHNICITY

In this report, "Native" refers to American Indian, non-Hispanic populations; "Asian" refers to Asian/Pacific Islander, non-Hispanic populations; "Black" refers to African American, non-Hispanic populations; "White" refers to White, non-Hispanic populations; "Hispanic" includes all races with a Hispanic ethnic origin. No duplicate counting exists.

2. POPULATION DATA

All Esmeralda County and Nevada population data were based on the database established by the Nevada State Demographer's Office and provided by the Bureau of Health Planning and Statistics, Nevada State Health Division.

3. CRUDE RATE

Crude Death Rate = Number of Deaths / Population x 1,000 or 100,000

(This rate calculation was applied to infant mortality rate, neonatal mortality rate, and post-neonatal mortality rate)

Crude Incidence Rate = Number of New Cases of Specific Disease / Population x 100,000

(This rate calculation was applied to the rate of infectious diseases per 100,000 population)

4. AGE-ADJUSTED MORTALITY RATE

Age-Adjusted Mortality Rate = Total Expected Number of Deaths / Total Standard Population x 100,000

(This rate calculation was applied to the mortality rate of leading causes of death and injuries in this report. Health People 2010 targets for mortality rates of leading causes of death and injuries are also age-adjusted rates. For all three-year's, 1999-2001 age-adjusted rate calculations, the age was adjusted to the year 2000 standard population.)

5. DATA CONFIDENTIALITY

According to the data confidentiality policy of the Nevada State Health Division, sensitive cases (number of reported cases equal to or less than 5) are not allowed to be reported for general publication. Further information for internal use can be provided by the Bureau of Community Health upon request.

6. SAMPLE SIZE FOR BRFSS IN ESMERALDA COUNTY

In the Nevada BRFSS survey, 3 and 6 Esmeralda County residents participated in the survey in 2000 and 2001 respectively. The sample size may not be ideal to represent Esmeralda County's population and caution should be used when interpreting BRFSS survey responses.

7. POVERTY

How the Census Bureau Measures Poverty

Following the Office of Management and Budget's (OMB) Statistical Policy Directive 14, the U.S. Census Bureau uses a set of money income thresholds that vary by family size and composition to determine who is poor. If a family's total income is less than that family's threshold, then that family, and every individual in it, is considered poor. The poverty thresholds do not vary geographically, but they are updated annually for inflation using the Consumer Price Index (CPI-U). The official poverty definition counts money income before taxes and does not include capital gains and noncash benefits (such as public housing, Medicaid, food stamps). Poverty is not defined for people in military barracks, institutional group quarters, or for unrelated individuals under age 15 (such as foster children). They are excluded from the poverty universe – that is, they are considered neither as "poor" nor as "nonpoor."

Source: Joseph Dalaker and Bernadette D. Proctor, U.S. Census Bureau, Current Population Reports, Series P60-210, Poverty in the United States: 1999, U.S. Government Printing Office, Washington, DC, 2000.

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